## AUG 2 2 2006

## SEQUENCE LISTING

<110> Amar, Salomon Tang, Xiaoren Novel LITAF Binding Site Peptides and Methods of Using the Same <130> 50047/019002 <140> US 10/796,947 <141> 2004-03-10 <150> US 60/453,302 <151> 2003-03-10 <160> 33 <170> PatentIn version 3.3 <210> 1 <211> 228 <212> PRT <213> Homo sapiens <400> 1 Met Ser Val Pro Gly Pro Tyr Gln Ala Ala Thr Gly Pro Ser Ser Ala Pro Ser Ala Pro Pro Ser Tyr Glu Glu Thr Val Ala Val Asn Ser Tyr 25 Tyr Pro Thr Pro Pro Ala Pro Met Pro Gly Pro Thr Thr Gly Leu Val 35 40 Thr Gly Pro Asp Gly Lys Gly Met Asn Pro Pro Ser Tyr Tyr Thr Gln 50 55 Pro Ala Pro Ile Pro Asn Asn Pro Ile Thr Val Gln Thr Val Tyr 65 75 80 70 Val Gln His Pro Ile Thr Phe Leu Asp Arg Pro Ile Gln Met Cys Cys 85 90 Pro Ser Cys Asn Lys Met Ile Val Ser Gln Leu Ser Tyr Asn Ala Gly 100 105 Ala Leu Thr Trp Leu Ser Cys Gly Ser Leu Cys Leu Leu Gly Val His

125

120

115

Ser Gly Leu Leu His Pro Leu Leu Arg Gly Cys Pro Ala Gly Arg 130 135 140

Gly Pro Leu Leu Ser Gln Leu Gln Ser Ser Pro Gly His Leu Gln Ala 145 150 155 160

Phe Val Gly Leu Ser Gln Thr Trp Arg Glu Pro Gly Ala Ala Gly Ser 165 170 175

Pro Phe His Leu Ser Ser Ser Phe Thr Pro Gly Gly Gly Ser Ala Leu 180 185 190

Val Val Ser Pro Leu Gln Gly Ala His Leu His Val Phe Phe Trp Gly
195 200 205

Glu Tyr Val Ala Lys Leu Thr Asn Leu Gln Thr Pro Glu Ile Ala Ala 210 215 220

Trp Ser Arg Ala 225

<210> 2

<211> 1773

<212> DNA

<213> Homo sapiens

<400> 2

gtttetetee etgeeceege gaettegege aagateeggg aaggacaeee gaggeeeetg

ggagaccetg gggaggtgaa agteagagag egaageggge egtggeeeet aggeetgaee 120

cctcccgcg gggtaaggcg ggcaccccgc gagcgcaggg gtcctcttac tgctgatggc

acccagetet gggeecagae geegeteace gteeacegee ggtgetgggt aaaatgtegg 240

ttccaggacc ttaccaggcg gccactgggc cttcctcagc accatccgca cctccatcct 300

atgaagagac agtggctgtt aacagttatt accccacacc tccagctccc atgcctgggc 360

caactacggg gcttgtgacg gggcctgatg ggaagggcat gaatcctcct tcgtattata 420

cccagccagc gcccatcccc aataacaatc caattaccgt gcagacggtc tacgtgcagc 480 accocateae etttttggae egecetatee aaatgtgttg teetteetge aacaagatga tegtgagtea getgteetat aacgeeggtg etetgaeetg getgteetge gggageetgt gcctgctggg ggtgcatagc gggctqctqc ttcatcccct tctgcgtgga tgccctgcag gacgtggacc attactgtcc caactgcaga gctctcctgg gcacctacaa gcgtttgtag gactcagcca gacgtggagg gagccgggtg ccgcaggaag tcctttccac ctctcatcca 780 getteacgee tggtggaggt tetgecetgg tggteteace tetecagggg geceacette atgtcttctt ttggggggaa tacgtcgcaa aactaacaaa tctccaaacc ccagaaattg 900 ctgcttggag tcgtgcatag gacttgcaaa gacattcccc ttgagtgtca gttccacggt 960 tteetgeete eetgagaeee tgagteetge eatetaaetg tgateattge eetateegaa 1020 tatetteetq tqatetqeea teaqtqqete tttttteetq etteeatqqq cetttetqqt 1080 ggcagtctca aactgagaag ccacagttgc cttatttttg aggctgttct gcccagagct 1140 eggetqaaec ageetttagt geetaceatt atettateeg tetetteeeg teeetgatga caaagatett geettacaga etttacagge ttggetttga gattetgtaa etgeagaett 1260 cattagcaca cagattcact ttaatttctt aattttttt ttaaatacaa ggaggggct 1320 attaacaccc agtacagaca tatccacaag gtcgtaaatg catgctagaa aaatagggct 1380 ggatettate actgeeetgt eteceettgt ttetetgtge cagatettea gtgeeeettt 1440 ccatacaggg attittitct catagagtaa ttatatgaac agtittiatg acciccitti ggtctgaaat acttttgaac agaatttctt ttttttaaaa aaaaacagag atggggtctt 1560

```
actatgttgc ccaggctggt gtcgaactcc tgggctcaag cgatccttct gccttggcct
1620
cccgaagtgc tgggattgca ggcataagct accatgctgg gcctgaacat aatttcaaga
1680
ggaggattta taaaaccatt ttctgtaatc aaatgattgg tgtcattttc ccatttgcca
1740
atgtagtctc acttaaaaaa aaaaaaaaaa aaa
1773
<210> 3
<211> 17
<212> PRT
<213> Artificial Sequence
<220>
<223> synthetic
<400> 3
Leu Ser Gln Thr Trp Arg Glu Pro Gly Ala Ala Gly Ser Pro Phe His
                                   10
Leu
<210> 4
<211> 5
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 4
ctccc
5
<210> 5
<211> 16
<212> PRT
<213> Artificial Sequence
<220>
<223> synthetic
<400> 5
Ser Gln Thr Trp Arg Glu Pro Gly Ala Ala Gly Ser Pro Phe His Leu
```

10

15

5

```
<210> 6
<211> 26
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 6
cgggatccat gtcggttcca ggacct
<210> 7
<211> 26
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 7
cggaattcgg taattggatt gttatt
<210> 8
<211> 25
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 8
cgggatccat gtcgttccag gacct .
<210> 9
<211> 26
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 9
cggaattcca gttgggacag taatgg
<210> 10
<211> 26
<212> DNA
<213> Artificial Sequence
```

```
<220>
<223> synthetic
<400> 10
cgggatccgt gcagacggtc tacgtg
26
<210> 11
<211> 26
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 11
cggaattcca gttgggacag taatgg
26
<210> 12
<211> 26
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 12
cgggatccat gtcggttcca ggacct
26
<210> 13
<211> 26
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 13
cgggatcctc agggtctcag ggaggc
26
<210> 14
<211> 26
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 14
```

```
cgggatccca gagctctcct gggcac
<210> 15
<211> 26
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 15
cgggatccgg accattactg tcccaa
26
<210> 16
<211> 30
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 16
ccaaaagaag acatggctgg atgagaggtg
30
<210> 17
<211> 18
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 17
catgtcttct tttggggg
18
<210> 18
<211> 30
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 18
tccaccaggc gtgaatccta caaacgcttg
```

<210> 19

```
<211> 18
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 19
ttcacgcctg gtggaggt
<210> 20
<211> 22
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 20
agctcctggg agatatggcc ac
22
<210> 21
<211> 22
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 21
gggtgtgcca acaactgcct tt
<210> 22
<211> 20
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 22
tgcgaaggag ctgggggctt
20
<210> 23
<211> 29
<212> DNA
<213> Artificial Sequence
```

<220>

```
<223> synthetic
<400> 23
ccttcgcagg gacccaaaca caggcctca
<210> 24
<211> 90
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 24
aggeeteaag eetgeeacea ageeeecage teetteteee egeagggaee caaacacagg
cctcatataa aggcagttgt tggcacaccc
90
<210> 25
<211> 90
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
gggtgtgcca acaactgcct ttatatgagg cctgtgtttg ggtccctgcg gggagaagga
60
gctgggggct tggtggcagg cttgaggcct
90
<210> 26
<211> 85
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 26
aggeeteaag eetgeeacea ageeeceage teettegeag ggaeecaaac acaggeetea
tataaaggca gttgttggca caccc
<210> 27
<211> 85
```

```
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 27
gggtgtgcca acaactgcct ttatatgagg cctgtgtttg ggtccctgcg aaggagctgg
gggcttggtg gcaggcttga ggcct
85
<210> 28
<211> 65
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 28
tgaggcctgt gtttgggtcc ctgcggggag aaggagctgg gggcttggtg gcaggcttga
ggcct
65
<210> 29
<211> 16
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 29
aggcctcaag cctgcc
16
<210> 30
<211> 21
<212> PRT
<213> Artificial Sequence
<220>
<223> synthetic
<400> 30
Ser Tyr Tyr Thr Gln Pro Ala Pro Ile Pro Asn Asn Asn Pro Ile Thr
                                   10
               5
```

```
20
<210> 31
<211> 16
<212> PRT
<213> Artificial Sequence
<220>
<223> synthetic
<400> 31
Leu Ser Ser Phe Thr Pro Gly Gly Ser Ala Leu Val Val Ser
                                 10
<210> 32
<211> 11
<212> PRT
<213> Artificial Sequence
<220>
<223> synthetic
<400> 32
Tyr Pro Tyr Asp Val Pro Asp Tyr Ala Ser Leu
1 5
                                 10
<210> 33
<211> 65
<212> DNA
<213> Artificial Sequence
<220>
<223> synthetic
<400> 33
aggeeteaag cetgeeacea ageeeceage teetteteee egeagggaee caaacacagg
60
cctca
65
```

Val Gln Thr Val Tyr

١